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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,798	11/21/2003	Derek Bernardon	068758.0142	3089

7590 08/24/2004

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EXAMINER

STERRETT, JEFFREY L

ART UNIT	PAPER NUMBER
2838	

DATE MAILED: 08/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/719,798	Applicant(s) BERNARDON, DEREK	
	Examiner Jeffrey L. Sterrett	Art Unit 2838	<i>ms</i>

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 13 is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☒ Claim(s) 1-12 and 14 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

Art Unit: 2838

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

2. Claims 1-12 and 14 are objected to because of the following informalities.

Clams 1-12 are vague and indefinite since in line 23 of claim 1 "the first and second voltage drop" lacks proper antecedent basis.

Claims 2, 5, 6, and 7 are vague and indefinite because a generic circuitry element is recited then a specific example of that circuitry element is recited utilizing the phrase "in particular ..." or "in a given case ...".

Line 4 of claim 3 makes little to no sense at all. It is suggested that it instead read "capacitor, provides the first voltage to the first input of the regulator."

Claim 6 makes little to no sense at all. It is suggested that the claim read something like " ... wherein at least one of the regulator, the comparator, the low pass filter, and the voltage divider are monolithically ... ". It is further noted that "the comparator" and "the voltage divider" both lack proper antecedent basis.

Claim 7 is essentially redundant of lines 21-22 of claim 1. It is suggested that claim 7 instead read " ... wherein the third common fixed potential is an external common fixed ground potential."

Claim 8 is vague and indefinite since in line 2 "the external common fixed potential" and in line 3 "the ground connection" lack proper antecedent basis.

Claim 9 is vague and indefinite since in line 2 "further noise-sensitive components" are recited without ever first setting forth any original noise-

Art Unit: 2838

sensitive components. Claim 9 is also vague and indefinite since in line 2 "the common substrate" lacks proper antecedent basis.

Claim 10 is incorrect and confusing since "a band spacing reference circuit" makes little to no sense at all. It is suggested that it instead read "a bandgap reference circuit" which seems to be the intended correct common term in the art.

Claim 14 is incorrect and confusing since the saw-tooth voltage has already been set forth as the alternating voltage in line 8 of claim 13. It is suggested that it instead read "...including the step of generating a saw-tooth voltage as the alternating voltage".

Appropriate correction is required.

3. Claims 1-12 and 14 would be allowable if rewritten or amended to overcome the rejections set forth above in this Office action.
4. Claim 13 is allowed.
5. This application is in condition for allowance except for the above formal matters.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

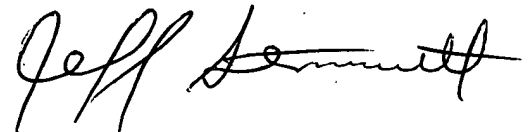
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey L. Sterrett whose telephone number is

Art Unit: 2838

(571) 272-2085. The examiner can normally be reached on Monday-Thursday & 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on (571) 272-2084. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jeffrey L. Sterrett
Primary Examiner
Art Unit 2838